

CELEBRATION OF
Faculty Creative Works

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THE UNIVERSITY OF TEXAS AT ARLINGTON



The Friends of the Library

dedicate this book and the exhibit

to the faculty and staff whose

works are reflected herein.



The University of Texas at Arlington Library and the Office of the Provost are pleased to host the fourth Celebration of Faculty Creative Works, an exhibition that showcases the books, art, music, media, patents, and journal editorial contributions made by the UT Arlington faculty and staff in 2011, as well as the awards and honors they received.

This event was initiated by the Library to celebrate the depth and breadth of scholarship and creativity that takes place on campus and to strengthen ties within the campus community. It complements the University’s tradition of sharing information about faculty expertise across disciplines, which is exemplified by the Library-sponsored Focus on Faculty Speakers’ Series that began in 2000. As the intellectual and creative center of campus, the Library is an appropriate partner to promote new information and new knowledge.

Because UT Arlington strives to become a Tier One research university, it is critically important that the intellectual and creative accomplishments of our faculty and staff receive their due recognition. Expanding the boundaries of knowledge is the stock-in-trade of what goes on at a research university. We want to acknowledge the productivity and distinction of our faculty and staff and celebrate their accomplishments.

We congratulate the individuals whose work is represented in these pages and in the exhibit. The work is diverse, compelling, and groundbreaking—something for which all of us, as UT Arlington Mavericks, can be proud.

Ronald L. Elsenbaumer, *Provost and Vice President for Academic Affairs*
 Julie S. Alexander, *Dean of the Library (Interim)*

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SCHOOL OF ARCHITECTURE

AWARDS

Edward M. Baum, FAIA

American Architecture Award, Chicago Athenaeum

The award was given for the project “Prototype Social Housing for North Texas.” Forty-five projects nationally were honored out of more than 400 pre-screened submissions.

Merit Award, “Best in Housing” Design Award Program

Baum received the award in the “On the Boards”—i.e., as yet unbuilt—category for Prototype Housing for Modest Means at the 12th Annual “Best in Housing” Design Award program, sponsored by *Residential Architect* magazine. It was one of 40 awards made from 824 submissions.

JOURNAL/BOOK SERIES EDITORIAL CONTRIBUTION

Kathryn Holliday

Editorial Board, *Journal of Architectural Education* (Association of Collegiate Schools of Architecture through Wiley/Blackwell)

Editorial Board, *Columns Magazine* (AIA Dallas)

EXHIBITIONS

Edward M. Baum, FAIA

International Exhibition: XIII Bienal Internacional de Arquitectura, Centro Cultural Recoleta, Calle Junin 1930, Buenos Aires, Argentina, October 8-30, 2011

Buildings and projects receiving 2011 American Architecture Awards were shown in this major exhibition; included was Baum’s “Prototype Social Housing for North Texas.”



COLLEGE OF BUSINESS

AWARDS

Douglas Grisaffe, Marketing

Outstanding Teaching Award, UT System Board of Regents

Outstanding Teaching Awards are given to faculty members who deliver the highest quality of undergraduate instruction through a demonstrated commitment to teaching. Awardees also are recognized for showing a promising future of excellence in all aspects of instruction. President James D. Spaniolo nominated the honorees based on recommendations from department chairs, deans, and a committee established by former Provost Donald Bobbitt.

Xueming Luo, Marketing

Citation of Excellence Award, Emerald Management Review

These annual awards recognize the most outstanding articles published by the top 300 management journals in the world. Luo’s article, “Neglected Outcomes of Customer Satisfaction,” was co-authored with the University of Mannheim Professor Christian Homburg.

James Campbell Quick, Management

Piper Professor Nominee, UT Arlington

The Minnie G. Stevens Piper Foundation awards 15 Texas Piper Professorships for outstanding scholarly and academic achievement and for exemplary service to the University and the community.

BOOKS

Myrtle P. Bell, Management

Diversity in Organizations, second edition

Mason, OH: Southwestern, 2011

Diversity in Organizations is a comprehensive, research-based text that guides readers through both the basics and details of the field. In-depth explorations of topics ranging from why diversity is important to how to become a diversity-friendly employer provide practical information.

Roger E. Meiners, Economics

The False Promise of Green Energy

Roger E. Meiners, Andrew Morris, William T. Bogart, and Andrew Dorchak
Washington, DC: The Cato Institute, 2011

The authors offer critical evaluation of the claims of green-energy and green-jobs proponents, whom they say promote a jumble of costly, ineffective programs that require massive taxpayer support for speculative promises. It is intended as a textbook for business students.

Roger LeRoy Miller, Economics

The Economics of Macro Issues, fifth edition

Roger LeRoy Miller and Daniel K. Benjamin
New York: Prentice Hall, 2011

This fifth edition is a collection of brief, relevant readings to spark independent thinking and discussions in classes covering principles of economics and social issues. The text encourages readers to apply theoretical discussions to today's important issues and to gain a deeper understanding of current macroeconomic policy concerns.

The Economics of Public Issues, 17th edition

Roger LeRoy Miller, Daniel K. Benjamin, and Douglass C. North
New York: Prentice Hall, 2011

Developed for use in courses for principles of economics, public policy, and social issues courses, *The Economics of Public Issues* is a collection of brief, relevant readings that spark independent thinking and classroom discussions.

Economics Today: The Micro View, 16th edition

Boston: Pearson Addison-Wesley, 2011

The book provides readers with discussion and coverage of the most current issues and events. With an abundance of relentlessly current examples, the text appeals to today's diverse student population by presenting ideas clearly, at an accessible level, and in the context of newsworthy applications.

Essentials of the Legal Environment, third edition

Roger LeRoy Miller, Frank B. Cross, and Gaylord A. Jentz

Mason, Ohio: South-Western Cengage Learning, 2011

Essentials of the Legal Environment offers complete, one-semester coverage of business law and its environment in a non-technical, straightforward, and student-friendly style. Cases are summarized by the authors and integrated throughout chapters.

James Campbell Quick, Management

Organizational Behavior: Science, the Real World, and You, seventh edition

Debra L. Nelson and James Campbell Quick

Mason, OH: South-Western/Cengage Learning, 2011

This textbook covers individual behavior topics including personality, perception, attitudes, emotions, ethics, and stress; interpersonal behavior topics including communication, teamwork, and conflict; and organizational processes such as job design, organizational structure, and organizational change.

ORGB2

Debra L. Nelson and James Campbell Quick

Mason, OH: South-Western/Cengage Learning, 2011

This editorialized version of *Organizational Behavior* streamlines the essential coverage of individual behavior, interpersonal behavior, and organizational processes topics. The core content is retained along with the sound science and real-world examples.

JOURNAL/BOOK SERIES EDITORIAL CONTRIBUTIONS**Myrtle P. Bell, Management**

Associate Editor, *Academy of Management Learning and Education* (Academy of Management)

Editorial Board, *British Journal of Management* (Wiley-Blackwell)

Editorial Board, *Journal of Management, Spirituality, and Religion* (Routledge)

John D. Diltz, Finance and Real Estate

Editorial Review Board, *Journal of Business and Economic Perspectives* (University of Tennessee at Martin)

Darren K. Hauynga, Finance and Real Estate

Associate Editor, *Journal of Real Estate Literature* (Craig School of Business, Fresno, CA)

James Campbell Quick, Management

Editorial Advisory Board, *Cambridge Companions to Management Series* (Cambridge University Press)

Editorial Board, *Organizational Dynamics* (Elsevier)

Editorial Board, *British Journal of Management* (Wiley-Blackwell)

Editorial Board, *Journal of Leadership and Organizational Studies* (Sage)

Editorial Board, *Leadership and Organizational Development Journal* (Emerald)

Editorial Board, *Stress and Health* (Wiley)

Editorial Consultant, *Applied Psychology* (Wiley-Blackwell)

Editorial Review Board, *Journal of Organizational Behavior* (Wiley Online Library)

Abdul A. Rasheed, Management

Editorial Board, *Group and Organizational Management* (Sage)

Editorial Board, *International Journal of Strategic Business Alliances* (Inderscience)

Editorial Board, *Management Research Review* (Emerald Group)

Editorial Board, *Issues in Social and Environmental Accounting* (Indonesian Center for Social and Environmental Accounting Research and Development)

Editorial Board, *Great Lakes Herald* (Great Lakes Institute of Management)

Editorial Board, *South Asian Journal of Global Business Research* (Emerald Group)

Editorial Board, *IIMB Management Review* (Elsevier)

Salil K. Sarkar, Finance and Real Estate

Editorial Board, *Journal of Economics and Finance* (Springer)

Editorial Board, *Journal of Business and Economic Studies* (Northeast Business and Economics Association)

Editorial Review Board, *Journal of Business and Economic Perspectives* (University of Tennessee at Martin)

Peggy E. Swanson, Finance and Real Estate

Associate Editor, *The International Journal of Finance* (Philadelphia University)

Editorial Review Board, *Journal of Business and Economic Perspectives* (University of Tennessee at Martin)

Zhiyong Yang, Marketing

Editorial Review Board, *Journal of Business Research* (Elsevier)



COLLEGE OF EDUCATION AND HEALTH PROFESSIONS

AWARDS

Ifeoma Amah, Educational Leadership and Policy Studies

Postdoctoral Fellowship Alternate, Ford Foundation

John Buckwalter, Associate Dean for Research and Graduate Studies

Fellow, American Council on Education

Buckwalter was one of 50 educators selected in a national competition. The ACE Fellows Program is designed to strengthen institutional capacity and build leadership in American higher education by identifying and preparing promising senior faculty and administrators for responsible positions in college and university administration. His fellowship is at Texas Christian University, where he will focus on retention.

Ryan Evely Gildersleeve, Educational Leadership and Policy Studies

2011 Early Career Award, American Educational Research Association

Gildersleeve received the Early Career Award in Measurement and Research Methodology.

John B. Muir Publication of the Year Award, National Association for College Admission Counseling

The award recognizes authors who have made the most significant contributions to the association's *Journal of College Admission* during the past year. Gildersleeve was honored for his article, "Access Between and Beyond Borders" (Winter 2010), which uses a life history method to illustrate the college admission process for undocumented students.

Kim Ruebel, Curriculum and Instruction

Outstanding Professor of Middle Level Education, National Professors of Middle Level Education

Cynthia Trowbridge, Kinesiology

Athletic Trainer Service Award, National Athletic Trainers' Association

BOOKS

Andrew Milson, Curriculum and Instruction

International Perspectives on Teaching and Learning with GIS in Secondary Schools

Edited by Andrew Milson, Ali Demirci, and Joseph J. Kerski

New York: Springer, 2012

This is the first publication to collate a broad international perspective on the pedagogical value of Geographic Information Systems (GIS) technology in classrooms. The text brings together authors from 34 countries who profile the current status of GIS in secondary school teaching and learning in their country. Each chapter includes a summary of the country's educational context, a case study illustrating how GIS is used in secondary schooling, and an assessment of the opportunities and challenges in teaching and learning with GIS now and in the future.

Luis A. Rosado, Curriculum and Instruction

TExES Bilingual Generalist EC-6 (192)

Luis Rosado and M. Lara

Piscataway, NJ: Research and Education Association, 2011

The book helps Texas teacher candidates become certified to teach. It is useful for college students, teachers, and career-changing professionals who want to teach in Texas. Targeted review chapters cover all state-defined domains: bilingual education, English language arts and reading, mathematics, social studies, science, fine arts, health, and physical education.

JOURNAL/ BOOK SERIES EDITORIAL CONTRIBUTIONS

Ann M. L. Cavallo, Curriculum and Instruction

Editorial Board, *Journal of Elementary Science Education* (Association for Science Teacher Education)

Dannielle Joy Davis, Educational Leadership and Policy Studies

Consulting Editor, *The Professional Educator* (Truman Pierce Institute, Auburn University)

Editorial Advisory Board, *Multicultural Education and Technology Journal* (Emerald Group)

Guest Co-Editor, *Black Women, Gender, and Families* (University of Illinois Press)

Stephanie Daza, Curriculum and Instruction

Editorial Advisory Board, *Educational Studies: A Journal of the American Educational Studies Association* (Routledge)

Editorial Advisory Board, *Postcolonial Directions in Education* (University of Malta)

Editorial Board, *Decolonization: Indigeneity, Education, and Society*

A. Louise Fincher, Kinesiology

Editorial Board, *JSR: Journal of Sport Rehabilitation* (Human Kinetics Inc. and Rainer Martens)

Jeanne M. Gerlach, Assistant Vice President and Dean

Editorial Board, *Critical Literacy Teaching Series* (Sense Publishers)

Editorial Review Board, *The Australian Journal of Language and Literacy* (Monash University)

Editorial Review Board, *English Journal* (National Council Teachers of English)

Ryan Evely Gildersleeve, Educational Leadership and Policy Studies

Editorial Board, *The Review of Higher Education* (Johns Hopkins University Press)

Adrienne E. Hyle, Educational Leadership and Policy Studies

Editorial Board, *Advancing Women in Leadership Journal* (AdvancingWomen.com)

David M. Keller, Kinesiology

Editorial Board, *Frontiers in Exercise Physiology* (Frontiers Media)

Christopher Kribs-Zaleta, Curriculum and Instruction

Associate Editor, *MBE: Mathematical Biosciences and Engineering* (Arizona State University)

Editorial Board, *SACNAS News* (Society for Advancement of Chicanos and Native Americans in Science)

Rhonda McClellan, Educational Leadership and Policy Studies

Co-Editor, *Higher Education Learning Briefs* (Association for the Study of Higher Education/CAHEP)

Editorial Advisory Board, *Journal of Research on Leadership Education* (University Council for Educational Administration)

Andrew Milson, Curriculum and Instruction

Associate Editor, *Journal of Geography*

Marc Schwartz, Curriculum and Instruction

Editorial Board, *Mind, Brain, and Education* (International Mind, Brain, and Education Society)

John A. Smith, Curriculum and Instruction

Editorial Board, *Literacy Research and Instruction* (Association of Literacy Educators and Researchers)

Kathleen Tice, Curriculum and Instruction

Consulting Editor, *The Journal of Educational Research* (Taylor and Francis)

Barbara F. Tobolowsky, Educational Leadership and Policy Studies

Editorial Board, *Journal of the First-Year Experience and Students in Transition* (National Resource Center for the First-Year Experience and Students in Transition, University of South Carolina)

Advisory Board, *Association for the Study of Higher Education monograph series* (Jossey-Bass)

Jodi M. Tommerdahl, Curriculum and Instruction

Editorial Board, *Child Language Teaching and Therapy* (Sage Publications)

Lewis Wasserman, Educational Leadership and Policy Studies

Editorial Advisory Board, *Journal of Education Finance* (University of Illinois Press)



COLLEGE OF ENGINEERING

AWARDS

Ali Abolmaali, Civil Engineering

Dr. Tseng Huang Endowed Professorship, UT Arlington

Zeynep Celik-Butler, Nanotechnology Center

Fellow, Institute of Electrical and Electronics Engineers

Celik-Butler was named a fellow for her contributions to the understanding of noise and fluctuation phenomena in solid-state devices.

Shih-Ho Chao, Civil Engineering

Milek Fellowship, American Institute of Steel Construction

Chao was awarded for his research on the quantification of seismic performance factors for steel-staggered truss and eccentrically braced framing systems.

Jung-Chih "J.-C." Chiao, Electrical Engineering

Edith and Peter O'Donnell Award in Engineering, Academy of Medicine, Engineering, and Science of Texas

This annual award in engineering is given to one Texas researcher chosen by a committee of Texas Nobel Laureates who is addressing the essential role that science and technology play in society, and whose work meets the highest standards of exemplary professional performance, creativity, and resourcefulness.

Jenkins Garrett Professor of Electrical Engineering, UT Arlington

Excellence in Engineering Teaching Award, Lockheed Martin Aeronautics Company

The award is given to a faculty dedicating time and energy in abundance to teaching undergraduate and graduate students.

2011 Tech Titan, Metroplex Technology Business Council

Mentor Recognition, Siemens Foundation

Bill Corley, Industrial and Manufacturing Systems Engineering

Outstanding Teaching Award, UT System Board of Regents

The award is given to faculty members who deliver the highest quality of undergraduate instruction through a demonstrated commitment to teaching. President James D. Spaniolo nominated the honorees based on recommendations from department chairs, deans, and a committee established by former Provost Donald Bobbitt.

Atilla Dogan, Mechanical and Aerospace Engineering

Daejong Kim, Mechanical and Aerospace Engineering

Summer Faculty Fellowship Program, U.S. Air Force

This is the fifth consecutive selection to the Air Force Summer Faculty Fellowship Program for Dogan and the third for Kim.

Frank L. Lewis, Automation and Robotics Research Institute

Best Application Paper Award, Asian Control Conference

The award was for the paper “Industrial Fault Detection and Isolation Using Dominant Feature Identification,” authored by Lewis, Chee Khiang Pang, J.H. Zhou, and Z.W. Zhong.

Visiting Scholar Fellow, Singapore Institute of Manufacturing Technology

Frank L. Lewis, Automation and Robotics Research Institute

Kyriakos Vamvoudakis, Electrical Engineering

Best Paper Award, Army Science Conference

“Distributed Games for Multi-Agent Systems: Games on Communication Graphs” received the award for Best Paper in the Autonomous/Unmanned Systems Technical Session at the Army Science Conference. It was authored by Vamvoudakis, Lewis, Edward Gu from Oakland University, and Dariusz Mikulski and Dr. Greg Hudas from the U.S. Army Tank Automotive Research, Development, and Engineering Center.

Frank Lu, Aerodynamics Research Center

Fellow, American Society for Mechanical Engineers

Fellow, Royal Aeronautical Society

This accolade recognizes Lu’s innovative research and international eminence within the aerospace community.

Liping Tang, Bioengineering

Fellow, American Institute of Biological and Medical Engineering

Fellow, American Heart Association

David Wetz, Electrical Engineering

Young Investigator Research Award, Office of Navy Research

Wetz will study how new energy storage technologies, such as lithium-ion batteries, behave when current is extracted from them very quickly and at higher than normal levels. The honor comes with research funding, about \$170,000 per year for three years. Wetz’s project was one of 21 selected from more than 270 proposals.

BOOKS

Dereje Agonafer, Mechanical and Aerospace Engineering

Puligandla Viswanadham, Mechanical and Aerospace Engineering

Essentials of Electronic Packaging

Written by Puligandla Viswanadham, edited by Dereje Agonafer

New York, NY: ASME, 2011

This book provides the essentials and fundamentals of electronic packaging technology. It introduces the language and terminology, as well as the basic building blocks of information-processing technology. The reader is exposed to the interaction and convergence of various disciplines such as chemistry, physics, materials science, metallurgy, and process engineering in the fabrication of an electronic appliance. The reader is also made aware of the emerging trends in electronic packaging to prepare him or her for the near-term miniaturization and integration of technology trends.

Jung-Chih “J.-C.” Chiao, Electrical Engineering

Micromachining and Microfabrication Process Technology XVI

Edited by Mary-Ann Maher, J.C. Chiao, and Paul J. Resnick

Bellingham, WA: SPIE, 2011

Proceedings of SPIE Conference held in San Francisco on Jan. 25-27, 2011.

Sajal K. Das, Computer Science and Engineering

Handbook on Securing Cyber-Physical Critical Infrastructure

Sajal K. Das, Krishna Kant, and Nan Zhang

Waltham, MA: Elsevier, 2012

The purpose of this handbook is to introduce the theoretical foundations and practical solution techniques for securing critical cyber and physical infrastructures, as well as their underlying computing and communication architectures and systems. It focuses mostly on the scientific foundations and engineering techniques, while also addressing the proper integration of policies and access control mechanisms. It includes contributions from leading researchers and practitioners in relevant application areas such as smart power grid, intelligent transportation systems, and the health care industry.

W. Alan Davis, Electrical Engineering

Radio Frequency Circuit Design, second edition

Hoboken, NY: Wiley, 2011

Covering both the timeless principles of receiver and transmitter circuit design and the latest technological applications in Radio Frequency (RF) communications, the book is designed as a primary text for graduate students in a RF circuits course, as well as a field reference for professional engineers.

Samir M. Iqbal, Nanofab Center

Nanopores: Sensing and Fundamental Biological Interactions

Edited by Samir M. Iqbal and Rashid Bashir

New York: Springer, 2011

The text examines the emerging research directions surrounding nanopores such as genome sequencing and early disease detection using biomarker identification. It covers the applications of nanopores in genetics, proteomics, drug discovery, early disease detection, and detection of emerging environmental threats.

Erick C. Jones, Industrial Engineering

RFID and Auto-ID in Planning and Logistics: A Practical Guide for Military UID Applications

Erick C. Jones and Christopher A. Chung

Boca Raton, FL: CRC Press, 2011

RFID and Auto-ID in Planning and Logistics is intended to help students, military personnel and contractors, and corporate managers learn about RFID and other automatic information capture technologies and their integration into planning and logistics functions.

Choong-Un Kim, Material Science and Engineering

Electromigration in Thin Films and Electronic Devices

Edited by Choong-Un Kim

Philadelphia, PA: Woodhead Publishing, 2011

Understanding and limiting electromigration in thin films is essential to the continued development of advanced copper interconnects for integrated circuits. The book provides a review of key topics in understanding and limiting electromigration in thin films and will benefit materials scientists, engineers, and academic researchers.

Kent L. Lawrence, Mechanical and Aerospace Engineering

ANSYS Workbench Tutorial, Structural, and Thermal Analysis

Mission, KS: SDC Publications, 2011

The exercises in *ANSYS Workbench Tutorial Release 13* introduce the reader to effective engineering problem-solving through the use of this powerful modeling, simulation, and optimization tool. Topics that are covered include solid modeling, stress analysis, conduction/convection heat transfer, thermal stress, vibration, and buckling.

ANSYS Tutorial, Release 13

Mission, KS: SDC Publications, 2011

The nine lessons in this book introduce the reader to effective finite element problem-solving by demonstrating the use of the comprehensive ANSYS FEM Release 13 software in a series of step-by-step tutorials. The tutorials are suitable for either professional or student use. The lessons discuss linear static response for problems involving truss, plane stress, plane strain, axisymmetric, solid, beam, and plate structural elements.

Frank L. Lewis, Automation and Robotics Research Institute

Intelligent Diagnosis and Prognosis of Industrial Networked Systems

Chee K. Pang, Frank L. Lewis, Tong Heng Lee, and Zhao Y. Dong

Boca Raton, FL: CRC Press, 2011

The text proposes linear mathematical tool sets that can be applied to realistic engineering systems. It offers an overview of the fundamentals of vectors, matrices, and linear systems theory required for intelligent diagnosis and prognosis of industrial networked systems. Building on this theory, it then develops automated mathematical machineries and formal decision software tools for real-world applications.

Frank L. Lewis, Automation and Robotics Research Institute

Dan O. Popa, Automation and Robotics Research Institute

Adaptive Sampling with Mobile WSN: Simultaneous Robot Localisation and Mapping of Parametric Spatio-temporal Fields

Koushil Sreenath, Muhammad.F. Mysorewala, Dan.O. Popa, and Frank L. Lewis

London: Institution of Engineering and Technology, 2011

This informative text for graduate students, researchers, and practitioners working on mobile wireless sensor networks provides theoretical-based algorithms with a focus toward practical implementation.

Frank Lu, Mechanical and Aerospace Engineering

Progress in Astronautics and Aeronautics (American Institute of Aeronautics and Astronautics Books Series)

Frank Lu, Editor-in-Chief

Shock Wave and High Pressure Phenomena (Springer Book Series)

Edited by Frank Lu

The Springer book series on *Shock Wave and High Pressure Phenomena* comprises monographs and multi-author volumes containing either original material or reviews of subjects within the field. All states of matter are covered. Methods and results of theoretical and experimental research and numerical simulations are included, as are applications of these results. The books are intended for graduate-level students, research scientists, mathematicians, and engineers.

Muthu B. J. Wijesundara, Automation and Robotics Research Institute

Silicon Carbide Microsystems for Harsh Environments

Muthu B.J. Wijesundara and Robert Azevedo

New York, NY: Springer, 2011

Silicon Carbide Microsystems for Harsh Environments reviews state-of-the-art Silicon Carbide technologies that, when combined, create microsystems capable of surviving in harsh environments. Technological readiness of the system components, key issues when integrating these components into systems, and other hurdles in harsh environment operation are discussed at length.

Robert L. Woods, Mechanical and Aerospace Engineering

UTA Formula SAE: A Tradition of Excellence

Arlington, TX: University of Texas at Arlington, 2011

This 250-page chronicle of Formula SAE projects was distributed to former team members and sponsors. It was not sold commercially, but the Library hopes to get a circulating copy and copies for the University Archive.

JOURNAL/ BOOK SERIES EDITORIAL CONTRIBUTIONS

Ishfaq Ahmad, Computer Science and Engineering

Editor-in-Chief, *Sustainable Computing: Informatics and Systems* (Elsevier)

Associate Editor, *IEEE Transactions on Circuits and Systems for Video Technology* (IEEE Circuits and Systems Society)

Editor, *IEEE Transactions on Parallel and Distributed Systems* (IEEE Circuits and Systems Society)

Subject Area Editor, *Journal of Parallel and Distributed Computing* (Elsevier)

Editorial Board, *Journal of Electrical and Computer Engineering* (Hindawi)

Erian A. Armanios, Mechanical and Aerospace Engineering

Editor, *Key Engineering Materials* (Trans Tech Publications)

Pranesh B. Aswath, Material Science and Engineering

Editorial Board, *Advances in Tribology* (Hindawi Publishing)

Vassilis Athitsos, Computer Science and Engineering

Special Issue Guest Editor, "Gesture Recognition," *Journal of Machine Learning Research* (Microtome Publishing)

Wen S. Chan, Mechanical and Aerospace Engineering

International Associate Editor, *Journal of Mechanics* (Tjingling Industrial Research Institute, National Taiwan University)

Jung-Chih “J.-C.” Chiao, Electrical Engineering

Associate Editor, *ASME Journal of Journal of Nanotechnology in Engineering and Medicine* (ASME)

Editorial Board, *Journal of Nanomedicine* (Elsevier)

Sajal K. Das, Computer Science and Engineering

Editor-in-Chief, *Pervasive and Mobile Computing Journal* (Elsevier)

Editor-in-Chief, *International Journal of Smart Home* (Science and Engineering Research Support Society)

Associate Editor, *Journal of Parallel and Distributed Computing* (Academic Press/Elsevier)

Associate Editor, *IEEE Transactions on Mobile Computing* (IEEE Computer Society)

Associate Editor, *IEEE Transactions on Parallel and Distributed Systems* (IEEE Computer Society)

Area Editor, *Computer Communications* (Elsevier)

Editorial Board, *Peer-to-Peer Networking and Applications* (Springer)

Guest Editor, *IEEE Network Magazine* (IEEE Computer Society)

Guest Editor, *IEEE Communications Magazine* (IEEE Computer Society)

Brian H. Dennis, Mechanical and Aerospace Engineering

International Editorial Board, *Inverse Problems in Science and Engineering* (Taylor and Francis)

A. Haji-Sheikh, Mechanical and Aerospace Engineering

Advisory Board, *Inverse Problems in Science and Engineering* (Taylor and Francis)

Editorial Advisory Board, *Numerical Heat Transfer, Part A: Applications* (Taylor and Francis)

Editorial Advisory Board, *Numerical Heat Transfer, Part B: Fundamental* (Taylor and Francis)

Daejong Kim, Mechanical and Aerospace Engineering

Editorial Board, *Springer Encyclopedia of Tribology* (Springer)

Guest Associate Editor, *ASME Journal of Tribology* (ASME)

Wei-Jen Lee, Energy Systems Research Center

Associate Editor, *IEEE Transactions on Industry Applications* (Institute of Electrical and Electronics Engineers)

Associate Editor, *International Journal of Power and Energy Systems* (ACTA Press)

Project Manager, *IEEE/NFPA Arc Flash Phenomena Collaborative Research Project*

Frank L. Lewis, Automation and Robotics Research Institute

Deputy Editor-in-Chief, *Journal of Control Theory and Applications* (Springer)

Editor, *Transactions of the Institute of Measurement and Control* (Sage)

Series Editor, *Automation and Control Engineering* (CRC Press)

Regional Editor for North America, *International Journal of Systems Science* (Taylor and Francis)

Qilian Liang, Electrical Engineering

Editor, *Ad Hoc and Sensor Wireless Networks Journal* (Old City Publishing)

Guest Editor, *Mobile Networks and Applications* (ACM/Springer)

Guest Editor, *Computers and Mathematics with Applications* (Elsevier)

Guest Editor, *Wiley Security and Communication Networks Journal* (Wiley)

Guest Editor, *Wiley Wireless Communications and Mobile Computing* (Wiley)

Frank Lu, Mechanical and Aerospace Engineering

Editorial Board, *Aerospace Science and Technology* (Elsevier)

Editorial Board, *Shock Waves* (Springer)

Editorial Board, *International Journal of Aerospace Innovations* (Multi-Science Company)

Robert Magnusson, Electrical Engineering

Editorial Board, *Journal of ISRN Optics* (International Scholarly Research Network)

Special Issue Guest Editor, “Nano-photonic Devices,” *Micromachines* (MDPI Publishing)

Editorial Board, *Journal of Biosensors and Bioelectronics* (Elsevier)

Fillia Makedon, Computer Science and Engineering

Special Issue Guest Editor, *International Journal Universal Access in the Information Society* (Springer)

Special Issue Guest Editor, *Journal of Personal and Ubiquitous Computing* (Springer)

Efstathios “Stathis” I. Meletis, Materials Science and Engineering

Editor-in-Chief, *Quantum Matter* (American Scientific Publishers)

Editor-in-Chief, *Journal of Nano Research* (Trans Tech Publications)

Associate Editor, *Advanced Science Letters* (American Scientific Publishers)

Anand J. Puppala, Civil Engineering

Chief Editor, *Ground Improvement* (Thomas Telford)

Associate Editor, *Journal of Materials in Civil Engineering* (American Society of Civil Engineers)

Associate Editor, *ASCE Journal of Geotechnical and Geoenvironmental Engineering* (American Society of Civil Engineers)

Editorial Board, *Geotechnical Testing Journal* (ASTM International)

Editorial Board, *International Journal of Geomechanics and Engineering* (Techno Press)

Editorial Board, *Indian Geotechnical Journal* (Springer Publishers)

Zoltan A. Schelly, Professor Emeritus, Chemistry and Biochemistry

Advisory Board, *Journal of Molecular Liquids* (Elsevier)

Chair of the International Advisory Board, *ELOPTO Conference Series* (Colloidal and Molecular Electro-Optics)

Kevin A. Schug, Chemistry and Biochemistry

Editorial Advisory Board, *Journal of Separation Science* (Wiley-VCH)

Editorial Advisory Board, *LCGC North America* (Advanstar)

Editorial Advisory Board, *Analytica Chimica Acta* (Elsevier)

Liping Tang, Bioengineering

Associate Editor, *Reviews in Nanoscience and Nanotechnology* (American Scientific Publishers)

Editor, *The Scientific World Journal* (Scientific World)

Editorial Board, *Journal of Biochips and Tissue Chips* (OMICS Publishing Group)

Editorial Board, *Journal of Bioterrorism and Biodefense* (OMICS Publishing Group)

Editorial Board, *Journal of Developmental Biology and Tissue Engineering* (Academic Journals)

Jian Yang, Bioengineering

Editorial Board, *International Journal of Biomaterials Research and Engineering* (IGI Publishing)

Editorial Board, *Journal of Microbial and Biochemical Technology* (OMICS Publishing Group)

Gergely V. Zaruba, Computer Science and Engineering

Area Editor, *Computer Communications* (Elsevier)

PATENTS

Pranesh B. Aswath, Materials Science and Engineering

Krupal Patel, Pranesh B. Aswath, Harold Shaub, and Ronald L. Elsenbaumer

High Performance Lubricant Additive. U.S. Patent 7,879,776. Feb. 01, 2011.

A lubricant additive produced by the process of mixing an organophosphate and an organofluorine compound and reacting the organophosphate and the organofluorine compound. Also, a lubricant produced by the process of forming a reaction mixture by reacting an organophosphate and an organofluorine and adding at least a portion of the reaction mixture to a lubricant base.

Khosrow Behbehani, Bioengineering

Michael T. Manry, Electrical Engineering

Mohammad A. Al-Abed, Khosrow Behbehani, and Michael T. Manry

Processing and Analyzing Physiological Signals to Detect a Health Condition. U.S. Patent 7,966,061. June 21, 2011.

A method of developing a fuzzy logic system to detect a non-normal health condition. In particular, signal processing and transformation of electrocardiogram signals for sleep disorder breathing are provided. The system and method yields an accuracy of 75.88 percent or better in detection of sleep apnea.

Kalyan Basu, Computer Science and Engineering**Sajal K. Das, Computer Science and Engineering**

Sumantra R. Kundu, Sourav Pal, Kalyan Basu, and Sajal K. Das

Method and Computer Program for Handoff of Mobile Devices between Wireless Systems.

U.S. Patent 7,904,086. March 08, 2011.

A method and computer program for handing off a mobile device in communication with a first wireless system having a first network address to one or more other wireless systems within communication range of the mobile device.

Sourav Pal, Sumantra Kundu, Kalyan Basu, and Sajal Das

System and Method for Evaluating Streaming Multimedia Quality. U.S. Patent 7,873,727.

Jan. 18, 2011.

A system and computer program for evaluating in real-time streaming multimedia quality. The system includes a multimedia server connected to a multimedia source and a remote client in communication with the multimedia server over a network.

Zeynep Celik-Butler, Electrical Engineering**John W. Priest, Industrial and Manufacturing Systems Engineering**

Zeynep Celik-Butler, John W. Priest, Carolyn L. Cason, Mary E. Mancini, Kenneth George Morallee, and Helge Fossan

Cardiopulmonary Resuscitation Sensor. U.S. Patent 8,034,006. Oct. 11, 2011.

The present invention provides a CPR sensor that includes a thin and substantially flat flexible substrate having one or more sensor arrays, a power source, an output interface, and a processor or analog circuit, all of which are disposed on the substantially flat flexible substrate.

Jung-Chih "J.-C." Chiao, Electrical Engineering

Jung-Chih Chiao and Lun-Chen Hsu

Wireless Sensory System and Method. U.S. Patent 7,961,093. June 14, 2011.

The invention is a wireless sensor system coupled with sensors to non-invasively monitor external stimuli. By monitoring the outputs of sensors, the output data can be used to activate an alarm or logged for further diagnoses of human conditions.

Herbert W. Corley Jr., Industrial and Manufacturing Systems Engineering**Jay M. Rosenberger, Industrial and Manufacturing Systems Engineering**

Herbert W. Corley Jr. and Jay M. Rosenberger

System, Method, and Apparatus for Allocating Resources by Constraint Selection. U.S. Patent

8,082,549. Dec. 20, 2011.

The present invention provides a system, method, and apparatus for allocating resources with a linear programming model comprising an objective function and a set of constraints describing feasible allocations of the resources. The method ranks constraints based on a numerical measure derived from criteria selected from at least a first and second group and selects one or more of the top-ranked constraints.

J. Craig Dutton, Mechanical and Aerospace Engineering**Frank Lu, Mechanical and Aerospace Engineering****Donald R. Wilson, Mechanical and Aerospace Engineering**

Electromagnetic Flow Control, Methods and Uses. U.S. Patent 7,907,038. March 15, 2011.

Actuation for control of surfaces is provided through use of a conducting material comprising electrolyte particles electrically charged with electromagnetic fields in boundary layers. Interactions of the electrically charged particles with electromagnetic fields in boundary layers are coordinated for generation of control forces for various applications.

Frank Lu, Mechanical and Aerospace Engineering**Donald R. Wilson, Mechanical and Aerospace Engineering**

Frank K. Lu, Philip K. Panicker, Donald R. Wilson, Wei-Hsiang Lai, and Jiun-Ming Li

Internal Detonation Reciprocating Engine. U.S. Patent 7,958,732. June 14, 2011.

A method of rotating a crankshaft and internal detonation engine. Detonations produce a more thorough combustion of the fuel and may, thereby, yield reduced emissions of carbon monoxide as compared to internal combustion engines.

Robert Magnusson, Electrical Engineering

Robert Magnusson and D. Wawro

Guided-mode Resonance Sensors Employing Angular, Spectral, Modal, and Polarization

Diversity for High-Precision Sensing in Compact Formats. Chinese Invention Patent

No. ZL 2007 8 0041644.3. June 29, 2011.

Robert Magnusson and M. Shokooh-Saremi

Multilevel Leaky-Mode Resonant Optical Reflectors, Polarizers, and Beam Splitters and

Their Design with Inverse Numerical Methods. U.S. publication US2011/0156987.

June 30, 2011.

Kevin D. Nelson, Bioengineering

Kevin D. Nelson and Brent B. Crow

Drug Releasing Biodegradable Fiber for Delivery of Therapeutics. Japanese Patent 4859317. Nov. 11, 2011.

The present invention relates to the composition of a gel or hydrogel loaded biodegradable fiber and methods of fabricating such fibers. The present invention provides tissue engineering and drug-delivery compositions and methods wherein three-dimensional matrices for growing cells are prepared for in vitro and in vivo use.

Kevin D. Nelson and Brent B. Crow

Drug Releasing Biodegradable Fiber for Delivery of Therapeutics. U.S. Patent 8,062,654. Nov. 22, 2011.

Kevin D. Nelson, Andres A. Romero-Sanchez, George M. Smith, Nadir Alikacem, Delia Radulescu, Paula Waggoner, and Zhibing Hu

Drug Releasing Biodegradable Fiber Implant. Canadian Patent 2,379,909. Jan. 04, 2011.

The invention provides tissue engineering compositions and methods wherein three-dimensional matrices for growing cells are prepared for in vitro and in vivo use. The matrices comprise biodegradable polymer fibers capable of the controlled delivery of therapeutic agents. The spatial and temporal distribution of released therapeutic agents is controlled by use of defined nonhomogeneous patterns of therapeutic agents in the matrices

JungHwan Oh, Computer Science and Engineering

Piet C. De Groen, Junghwan Oh, Wallapak Tavanapong, and Johnny Wong

Colonoscopy Video Processing for Quality Metrics Determination. U.S. Patent 7,894,648. Feb. 22, 2011.

A computer-based method that allows automated measurement of a number of metrics that likely reflect the quality of a colonoscopic procedure. It is based on analysis of a digitized video file created during colonoscopy, and produces information regarding said procedure. As these metrics can be obtained automatically, the method allows future quality control in the day-to-day medical practice setting on a large scale. In addition, it can be adapted to other healthcare procedures.

Jian Yang, Bioengineering

Jian Yang and Jagannath Dey

Biopolymer and Scaffold-Sheet Method for Tissue Engineering. U.S. Patent 7,923,486. April 12, 2011.

A method of making a new type of biomaterial, biodegradable crosslinked urethane-containing polyester (CUPE) elastomers and a scaffold-sheet engineering method for tissue engineering applications. CUPEs can be synthesized by forming a linear pre-polymer, which is a polyester, introducing the urethane bonds into polyester using a diisocyanate as a linker, and crosslinking the resulting urethane containing linear polymers to form CUPEs via post-polymerization.



COLLEGE OF LIBERAL ARTS

AWARDS

Stacy Alaimo, English

Laura Kopchick, English

Peggy Kulesz, English

Kenneth M. Roemer, English

Outstanding Teaching Award 2011, UT System Board of Regents

This award is given to faculty members who deliver the highest quality of undergraduate instruction through a demonstrated commitment to teaching. Awardees also are recognized for showing a promising future of excellence in all aspects of instruction. President James D. Spaniolo nominated the honorees based on recommendations from department chairs, deans, and a committee established by former Provost Donald Bobbitt.

Stacy Alaimo, English

Book Award for Ecocriticism, Association for the Study of Literature and Environment

The award was given to recognize *Bodily Natures: Science, Environment, and the Material Self*.

Tia Black, English

Creative Writing Award, College Teachers of English

Black won a 2011 Conference for College Teachers of English Creative Writing Award for nine poems that were published in *CCTE Studies, Volume LXXVI 2011*.

Andrew Clark, Communication**Sasha Grant, Communication****Charla Markham-Shaw, Communication****David Silva, Vice Provost for Academic Affairs and Professor of Linguistics and TESOL****Michael Varner, Music**

Alicia Wilkerson Smotherman Faculty Awards, UT Arlington College of Liberal Arts

The Smotherman Faculty Awards established by Thad and Alicia Smotherman recognize faculty within the College of Liberal Arts whose expertise and teaching abilities have inspired students to create exceptional merit. Silva received the award for his work with six graduate students in a course in Research Design on a project involving pronunciation in a second language and the impact of political viewpoint that resulted in a co-authored, refereed publication; Varner for his work with students in ethnographic music, percussion, and composition that resulted in a student-composed, original performance of “Threnody for 9/11 for Mixed Chamber Ensemble”; and Markham-Shaw, Clark, and Grant for team-teaching a new master’s level course in Qualitative Research Methods in which the graduate students gathered data beneficial to UT Arlington’s Freshman Retention Initiative and prepared manuscripts on both student retention and pedagogy for peer-reviewed publications.

W. Marvin Dulaney, History

Community Service Award, Mothers Against Teen Violence

Dulaney was recognized for his contributions to the community in Dallas on January 11, 2011.

Andrew Christopher Gaupp

Invitation, New Play Development Workshop

Gaupp was invited by the New Play Development Workshop to perform in the showcase premiere of a new play in Washington, D.C.

Natalie Gaupp, Theatre Arts

Invitation, LaMaMa Theatre

Gaupp participated in a LaMaMa Theatre of New York summer playwriting conference held near Spoleto, Italy. She was one of 15 playwrights selected from nearly 500 entries worldwide to work with some of the world’s top playwrights.

Jose Angel Gutierrez, Political Science

Individual Achievement Award, International Association of Official Human Rights Agencies

Gutierrez received the award for work he continues to do on Chicano politics and Mexico-United States relations.

Sedrick Huckaby, Art and Art History

Visiting Artist Fellowship, Brandywine Workshop

Ritu Khanduri, Sociology and Anthropology

Richard Carley Hunt Postdoctoral Fellowship, Wenner Gren Foundation

Khanduri won the postdoctoral fellowship to study how newspaper cartoons helped form social knowledge in colonial and postcolonial India.

Stephen Laphisophon, Art and Art History

Mastermind Finalist, Dallas Observer

Focusing on emerging artists, *The Dallas Observer’s* ArtLoveMagic strives to foster an artistic community and increase opportunities for young and unknown artists to show their works and perform.

Douglas Richmond, History

Distinguished Record of Research or Creativity Award, UT Arlington

Kenneth M. Roemer, English

2011 Texas Piper Professor, Minnie Stevens Piper Foundation

The Piper Professor awards were established to recognize outstanding achievements in the teaching profession at Texas public and private colleges and universities. Roemer is one of 10 university professors from a field of 240 to receive the honor, which includes a \$5,000 honorarium.

Ya'Ke Smith, Art and Art History

Black Reel Award for Best Indie Short

Smith won the award for his film *Katrina's Son*. The film tells the story of a young boy who loses his grandmother during Hurricane Katrina and travels to San Antonio in search of the mother who abandoned him years earlier.

2011 Alumnus of Distinction, University of Incarnate Word

Laurel Stvan, Linguistics and TESOL

Center for Advanced Research in English Fellowship, University of Birmingham (England)

THATCamp Texas Fellowship, Andrew W. Mellon Foundation

Shelley Wigley, Communication

Gertrude Golladay Memorial Award for Outstanding Teaching, UT Arlington College of Liberal Arts

Educator's Fellowship, University of Alabama's Plank Center

BOOKS AND MUSIC

Thomas Adam, History

Intercultural Transfers and the Making of the Modern World

New York: Palgrave Macmillan, 2011

The goal of the book is to provide an alternative teaching tool for classes in world history and courses of different levels that include a transnational focus. It covers topics such as cooperatives and capitalism, better housing and better citizens, and change through nonviolence to illustrate how ideas and concepts that develop in one part of the world are transferred across the artificial borders of nation-states and oceans to influence movements and policies globally.

Ben Agger, Sociology and Anthropology and Center for Theory

A Journal of No Illusions: Telos, Paul Piccone, and the Americanization of Critical Theory

Edited by Timothy W. Luke and Ben Agger

New York, NY: Telos Press Publishing, 2011

In this book, an array of authors, many of whom participated in the development of the journal *Telos*, examine the ongoing legacy of the publication and address the ways in which *Telos* formed a generation of young intellectuals, who asked for a critical theory to understand both the impasses and possibilities for a progressive politics.

Dan Cavanaugh, Music

Horizons

Performed by Dan Cavanaugh and Dave Hagedorn

Available at dancavanaugh.com, cdbaby.com, and [iTunes.com](http://itunes.com)

The jazz CD *Horizons* is the first album released that was recorded solely at UT Arlington. The new record is a mix of originals and covers. Among jazz classics like “Cry Me a River” and “Stormy Weather” are a handful of instrumentals penned by Cavanaugh over the past five years.

Radiohead Jazz Project Contribution

Cavanaugh contributed to a jazz version of the alt-rock group's “Pack'd Like Sardines in a Crushd Tin Box” song for Lawrence University's project.

Elizabeth A. Cawthon, History

Famous Trials in History

New York, NY: Facts on File Publisher, 2011

This book collects 100 significant legal trials from time periods and places ranging from Socrates in classical Greece to Joan of Arc in Medieval France to Saddam Hussein in modern Iraq. Each entry includes the trial's key issues, a history of the case, a summary of the arguments, the verdict, the significance of the case, and readings for further study.

George Chave, Music

Score for the UT Arlington Alma Mater

The University commissioned Chave to update the alma mater with a new score in a range that more people could sing. The original lyrics by Mary Von Zuben and Iva Nell Bennett were set to the score *Finlandia* by Sibelius.

Imre Josef Demhardt, History

Aufbruch ins Unbekannte: Legendare Forschungsreisen Von Humboldt Bis Hedin (The Scientific Unveiling of the Globe: Explorers from Humboldt to Hein and Their Maps)

Darmstadt, Germany: WBG, 2011

This book is a history of maps and mapmakers and uses many sources from the Garrett Cartographic Collection in UT Arlington's Special Collections Library. It illustrates how mapmakers influenced Europeans to explore the world and then to record for others their knowledge and insights about places in the world.

John Garrigus, History

Christopher Morris, History

Assumed Identities: The Meanings of Race in the Atlantic World

Edited by John Garrigus and Christopher Morris

College Station, TX: Texas A&M Press for UT Arlington, 2011

Assumed Identities is a collection of essays based on research presented at the history department's annual Walter Prescott Webb Memorial Lectures.

Lisa Graham, Art and Art History

Sustainability Research by Designers

Edited by Lisa Graham

Champaign, IL: Common Ground Publishing, 2011

This book contains scholarly articles written by sustainability experts from Australia, Canada, Italy, Mexico, the United Kingdom, and the United States. The researchers explore the topic of sustainability through discourse, studies, and reflection, defining what sustainability design currently means and potentially means as a new, interdisciplinary design profession.

Desiree Henderson, English and Director of Women's and Gender Studies Program

Grief and Genre in American Literature, 1790-1870

Farnham (Surrey), UK: Ashgate, 2011

Focusing on the role of genre in the formation of dominant conceptions of death and dying, Henderson examines literary texts and social spaces devoted to death and mourning in 18th- and 19th-century America. Informed by extensive archival research, the study speaks to the ways in which authors adopted, revised, or rejected the conventions of memorial literature, choices that disclose their location within decisive debates about appropriate gender roles and sexual practices, national identity and citizenship, the consequences of slavery, the nature of democratic representation, and structures of authorship and literary authority.

Andrew Milson, History/Geography/Education

World Cultures and Geography

Monterey, CA: National Geographic, 2011

This textbook is full of maps, graphs, charts, photographs, and learning activities and exercises to enhance its very thorough integration of historical geography with politics, population studies, sports, and social studies. It is intended for geography education for middle school students.

International Perspectives on Teaching and Learning with GIS in Secondary Schools

Edited by Andrew Milson, Ali Demirci, and Joseph J. Kerski

Toronto, Canada: Springer, 2012

Milson and his two editors surveyed the use and application of GIS education and technology in secondary schools in 34 countries around the world. Assembling the findings from teachers, educators, and geographers in those countries on the use of GIS, the editors conclude that to implement GIS education around the world, educators and educational policymakers must overcome two challenges: technological (the lack of hardware, software, and internet access) and societal (lack of awareness of spatial thinking and analysis).

Lael Morgan, Communication

Wanton West: Madams, Money, Murder, and the Wild Women of Montana's Frontier

Chicago, IL: Chicago Review Press, 2011

Wanton West brings to life the women of the West's wildest region: Montana, famous for its lawlessness, boomtowns, and America's largest red-light districts. Moralists wrote them off as "soiled doves," yet a surprising number prospered, flaunting their freedom and banking 10 times more than their "respectable" sisters. Providing new insights into women's struggle for equality, the book is an objective exploration of a freewheeling society and a re-creation of an unforgettable era in history.

David E. Narrett, History

Inheritance and Family Life in Colonial New York City

Cooperstown, NY: Cornell University Press, 2011

This book breaks new ground by offering the first detailed and systematic analysis of inheritance practices in New York City from the beginning of Dutch settlement in the 1620s to the onset of the American Revolution. Narrett shows how the transmission of property at death reflected the distribution of power and authority within the family.

C. Scott Pool, Music

Do Not Sing, My Beauty (#1783)

Edited by C. Scott Pool

Dexter, MI: TrevCo-Varnar Music Publishing, 2011

The piece was composed by Sergei Rachmaninov and arranged for bassoon and piano by Richard Cionco.

Harry P. Reeder, Philosophy and Humanities

La Praxis Fenomenológica de Husserl

Bogotá: Editorial San Pablo, 2011

Edmund Husserl, the founder of the phenomenological movement in philosophy, developed a method for combining close description of data that can be discovered through (carefully controlled) introspection combined with discourse, diagrams, etc., to avoid subjectivism. He insisted that the realization of phenomenology as a science required a combination careful study of the theory and patient practice of the method. Unfortunately, many try to do only one or the other, and thus fail to produce truly phenomenological results. This volume attempts to rectify this situation.

Linda Rouse, Sociology and Anthropology

Self and Social Identity

San Diego, CA: Cognella Academic Publishing, 2011

Self and Social Identity explores social influences on the construction of self and identity. Sociological and social psychological perspectives are used to inform an analysis of individuals, social interaction, and society that is intended to engage readers in self-reflection, generate discussion, and enhance knowledge of key social processes.

Ignacio Ruiz-Perez, Modern Languages

Sign of the Crow

Seattle, WA: University of Washington Press for Lynx House Press, 2011

In this volume, the poems of Ruiz-Perez are made available in the United States for the first time. They are suffused with color and a textural music reminiscent of the work of Raphael Alberti, Pablo Neruda, Luis Cernuda, and all the great Spanish language poets of the 20th century.

Héctor Eduardo Paniagua, Fiesta de Pájaros

Edition and introduction by Ignacio Ruiz-Pérez

Tuxtla Gutiérrez: Universidad de Ciencias y Artes de Chiapas, 2011

This book is a critical study and annotated edition of an important collection of poetry published in the Mexican state of Chiapas in 1933. The main goal of *Fiesta de Pájaros* was to call the intellectuals and writers to work in favor of the “cultural renaissance” of Chiapas and Mexico after the Mexican Revolution. This book symbolized the alliance between the state and the intellectual class in the region, and played an important role in the strengthening of the national identity in Chiapas.

Antoinette Marie Sol, Modern Languages/English

Le Nègre, Mélodrame en Trois Actes by Honoré de Balzac

Preface by Sarah Davies Cordova and Antoinette Marie Sol

Paris, France: L'Harmattan, 2011

Suspended between melodrama and romantic tragedy, Balzac's early 19th-century play *Le Nègre* reworks the traditional story of unrequited love with complications of racial, gender, and social class differences.

Tore Terrasi, Art and Art History

Period Peace: A Fun Menopause Activity Book

Illustrated by Tore Terrasi

Periodpeace.com, 2011

Period Peace looks at an issue affecting 43 million women in the United States and challenges readers to see the lighter side of the often volatile subject. Modeled after a children's activity book, it features puzzles, word games, and illustrations.

Nancy V. Wood, English

Essentials of Argument, third edition

Boston, MA: Prentice Hall, 2011

The text presents a broad range of rhetorical theory while providing clear explanations and examples to make it accessible to a wide range of students. Readers will learn to identify topics of personal and social consequence, to read and form opinions of their own, to analyze a potential audience, and to write persuasive argument papers.

ART EXHIBITIONS AND PERFORMANCES

Rick Bogard, Music

Performance in Russia

Bogard joined three other trumpeters from the United States on a trip to Russia to perform at the International Trumpet Festival in October 2011.

Shannon Brunskill, Art and Art History

Glass Exhibition, Imperial Stables, Czech Republic

Brunskill had glass work accepted into the *Stanislav Libensky Exhibition* at the Imperial Stables at Prague Castle in the Czech Republic. Among the 28 artists selected, Brunskill was the sole contributor from an American university.

Janet Chaffee, Art and Art History

Benito Huerta, Art and Art History and Director of the Gallery at UT Arlington

Lakeview Gallery Exhibition, Tarrant County College Northwest

Joe Chapa Jr., Theatre Arts

The Hundred Dresses, Creative Arts Theatre and School, Arlington

Chapa directed the stage production of *The Hundred Dresses*, based on Mary Hall Surface's stage adaptation of the 1944 children's book *The Hundred Dresses* by Eleanor Estes.

Stephanie Clark, Art and Art History

Shadow Play Exhibition, Fort Worth Community Art Center

The exhibition was a selection of hybrid images comprising photographs, decorative materials, and digital media that move beyond the photograph.

Chris Conway, Modern Languages

Chris Conway and Erin O'Malley

Life and Death in the Northern Pass Exhibition, Central Library's Sixth Floor Parlor, UT Arlington

In the exhibition, Dominic Bracco II, a distinguished photojournalist and 2008 graduate of UT Arlington, documented the horrors of Mexico's drug war through evocative images of violence and its aftermath, of grieving families, and of tender scenes of day-to-day urban life.

Carlos Donjuan, Art and Art History

Sedrick Huckaby, Art and Art History

Marilyn Jolly, Art and Art History

Influence Exhibition, Oak Cliff Cultural Center, Dallas

Influence, a three-person exhibit, featured paintings by visual artists Carlos Donjuan, Sedrick Huckaby, and Marilyn Jolly, each of whom comes from a different formative time period and cultural influence.

Simeen Farhat, Art and Art History

The Absolute Works from Nothing Exhibition, Twelve Gates Gallery, Philadelphia

Andrew Christopher Gaupp, Theatre Arts

The Adding Machine, Mainstage Theatre, UT Arlington

Gaupp directed the play, which was written in 1923 by Pulitzer Prize-winning author Elmer Rice. It chronicles the life of Zero, a hapless cog spinning aimlessly in the corporate world, who, after 25 years of service, is replaced by a machine. Other key contributors were Anne Healy, choreographer for "A Pleasant Place"; Michelle Harvey, scenic and media designer; Laurie Land, costume designer; Jared Land, lighting and sound designer; Joe Kongevick, make-up designer; David Navalinsky, production technical director and production manager; D. J. Badon, scenic studio supervisor; Marla Grant, costume studio supervisor; Dennis Maher, dramaturge; and Natalie Gaupp, publicity coordinator.

The Mousetrap, Mainstage Theatre, UT Arlington

Gaupp directed the Agatha Christie play. Other key contributors were Kim A. LaFontaine, scenic designer and producer; Jared Land, lighting and sound designer and production manager; Joe Kongevick, makeup designer; D. J. Badon scenic studio supervisor and technical director; Dennis Maher, dramaturge and recorded vocal talent; and Natalie Gaupp, publicity coordinator.

Natalie Gaupp, Theatre Arts

VHS Tapes and a Greyhound Bus, Lone Star College-Kingwood

The fifth annual "An Evening of Shorts" was an original play festival held at Lone Star College-Kingwood. All works are written, directed, performed, and designed by LSC-Kingwood students. The production featured five original works including *VHS Tapes and a Greyhound Bus*.

Doubt, Mainstage Theatre, UT Arlington

Gaupp directed the award-winning play, the story of a priest accused of abusing a student in a New York Bronx Catholic school in the early 1960s.

School for Scandal, Mainstage Theatre, UT Arlington

Gaupp directed the scathing Restoration comedy of Richard Brinsley Sheridan. The contemporary interpretation sets the play in present-day Los Angeles, where the preening, posing, and posturing of Sheridan's cast of characters get a taste of Hollywood, Sunset Boulevard, and Rodeo Drive.

Sedrick Huckaby, Art and Art History

Solo Exhibition, Tyler Museum of Art

Benito Huerta, Art and Art History and Director of the Gallery at UT Arlington

Retrospective Art Exhibition, National Museum of Mexican Art, Chicago

The one-artist exhibit, *Intermission*, curated by Cesareo Moreno, showcased Huerta's abstract paintings and other work from the past 20 years as part of the museum's efforts to showcase the talents of Mexican Americans on a national stage.

Stephen Lapthisophon, Art and Art History

Wunderkammer Exhibition, Conduit Gallery, Dallas

Lapthisophon and four UT Arlington students were featured in the *Wunderkammer* (cabinet of wonder/curiosities) exhibit.

Chaitra Linehan, Art and Art History

For the Bird Exhibition, Mighty Fine Arts Gallery, Dallas

A mixed media and acrylic exhibit.

Dennis Maher, Theatre Arts

The Trouble Begins at 8, Studio Theatre, UT Arlington

A one-man show adapted from the writings of American humorist Mark Twain.

Dalton Maroney, Art and Art History

Sculpture Inside-Outside Exhibition, TCCC Northwest Campus, Ft. Worth

Art Walk Exhibition, Buchanan Gallery, Galveston

Remote Access Exhibition, William Campbell Contemporary Art, Fort Worth

Dalton Maroney, Art and Art History**Benito Huerta, Art and Art History**

Flow: Dalton Maroney 1982-2011 Exhibition, Arlington Museum of Art

The exhibition was composed of 17 sculptures and six works on paper created by Maroney. Huerta curated the exhibition.

Melanie Mason, Communication

The Hobbit, Theatre Arlington

Mason directed and designed sound for the play, which was based on the book by J.R.R. Tolkien and dramatized by Patricia Gray.

Leighton McWilliams, Art and Art History

Invitational Two Person Exhibition, Hardee Center for the Arts, North Florida Community College

Photo Spiva 2011 Exhibition, Spiva Center for the Arts, Joplin, MO

The Seventh Photography Image Biennial Exhibition, Wellington B. Gray Gallery, East Carolina University

25 Exhibition, Creative Quarterly Journal

Leighton McWilliams, Art and Art History**Michelle Murillo, Art and Art History**

Streams and Valleys Exhibition, Biological Research Institute of Texas, Fort Worth

Michelle Murillo, Art and Art History

Border Art Biennial 2010 Exhibition, El Paso Museum of Art

7th International MiniPrint Finland 2010 Exhibition, Lahti Art Museum, Finland

Kenda North, Art and Art History

Cover and Featured Artist, PaperCity

The journal *PaperCity* features important contemporary artists uses their artwork on the cover. In August, North lent an image from her "Urban Pools" series.

Nancy Palmeri, Art and Art History

Neighbor's Exhibition, Museum of Texas Tech University

Nicholas Wood, Art and Art History

First This/First That Exhibition, Angelo State University Art Gallery

The exhibit included 18 sculptures and drawings.

Tangents and Adjustments Exhibition, Gallery 76102, UT Arlington Fort Worth Center

Sculpture: Inside Out Exhibition, Lakeview Gallery, Tarrant County College Northwest

Commission, Dorchester Hotel, London

Wood was commissioned to create a suite of 20 digital prints for the Dorchester Hotel.

JOURNAL/BOOK SERIES EDITORIAL CONTRIBUTIONS**Ben Agger, Sociology and Anthropology and Center for Theory**

Editor, *Fast Capitalism* (UT Arlington)

Editor, *Framing 21st Century Social Issues* (Routledge: Taylor & Francis Group)

International Advisory Board, *European Journal of Social Theory* (Sage)

Editorial Board, *Disclosure: A Journal of Social Theory* (University of Kentucky)

Editorial Board, *Journal of Classical Sociology* (Sage)

Editorial Board, *New York Journal of Sociology* (SUNY Cortland)

Editorial Board, *American Educational Research Journal* (American Educational Research Association)

Editorial Board, *Current Perspectives in Social Theory* (Emerald)

Stacy Alaimo, English

Advisory Board, *Green Letters: Studies in Ecocriticism* (Association for the Study of Literature and Environment)

Editorial Board, *Resilience: A Journal of Sustainable Critique*

Editorial Board, *Fast Capitalism* (UT Arlington)

Robert B. Fairbanks, History

Editor for the Americas, *Planning Perspectives* (Routledge)

Editorial Advisory Board, *Legacies* (Dallas Historical Society)

Wendy B. Faris, English

Editorial Board, *The Comparatist* (University of Georgia at Athens)

Victoria A. Farrar-Myers, Political Science

Editorial Board, *White House Studies* (James Madison University)

Carolyn Guertin, English

Editor and International Editorial Board, *Computer and Composition Digital Press* (Utah State University Press)

International Advisory Board, *Digital Studies Le Champ Numerique* (Society for Digital Humanities)

Literary Advisory Board, *Electronic Literature Organization* (Electronic Literature Organization)

Editorial Board, *Convergence* (Sage)

Editorial Board, *Fast Capitalism* (UT Arlington)

Technical Advisor and Editorial Board, *Early English Studies* (UT Arlington)

Kevin L. Gustafson, English

Advisory Board, *Early English Studies* (UT Arlington)

Susan J. Hekman, Political Science

Editorial Board, *Hypatia* (Wiley InterScience)

Editorial Board, *Gender, Work, and Organization* (Wiley InterScience)

Editorial Board, *Fast Capitalism* (UT Arlington)

Desiree Henderson, English and Women's and Gender Studies Program

Special Issue Co-Editor, *Studies in American Fiction* (Johns Hopkins University Press and Project Muse)

Graham G. Hunt, Music

Editorial Board, *Music Theory Spectrum* (Caliper, University of California Press)

Editorial Board, *The Journal for Schenkerian Studies* (Center for Schenkerian Studies and the University of North Texas Press)

Eronini Megwa, Communication

Editorial Advisory Board, *Fifth Estate Online*

Editorial Board, *Journalism Practice* (Routledge: Taylor & Francis Group)

Erika Pribanic-Smith, Communication

Editorial Board, *American Journalism* (American Journalism Historians Association, University of North Carolina)

Harry P. Reeder, Philosophy and Humanities

Translator, *Cuestiones de Filosofía* (Universidad Pedagógica y Tecnológica de Colombia, Bogotá, Colombia)

Consulting Editor and Translator, *Praxis Filosófica* (Universidad del Valle, Cali, Colombia)

Consulting Editor, *Classics in Phenomenology* (University of Wisconsin Press)

Consulting Editor, *Contemporary Phenomenological Thought* (University of Wisconsin Press)

Permanent Editorial Board, *Orbis Phaenomenologicus* (Konigshausen and Neumann)

International Editorial Board, *Anuario Colombiano de Fenomenología* (Centro de Recursos Informáticos y Educativos, Universidad Tecnológica de Pereira, Colombia)

Editorial Board, International Center for the Study of Globalization (Universidad Rafael Landívar, Ciudad de Guatemala)

Jerome Rodnitzky, History

Editorial Board, *Popular Music and Society* (Routledge)

Submissions Review Board, *The Journal of Texas Music History* (The Center for Texas Music History, Texas State University-San Marcos)

Kenneth M. Roemer, English

Editorial Board, *American Literary Realism* (University of Illinois Press)

Editorial Board, *Utopian Studies* (Oxford Brookes University)

Editorial Board, *Studies in American Indian Literatures* (University of Nebraska Press)

Joseph Sabbagh, Linguistics and TESOL

Editorial Board, *Syntax* (Wiley-Blackwell)

Johanna M. Smith, English

Editor, *Gender and Genre Book Series* (Pickering and Chatto)

Editor, *Annotated Bibliography of English Studies* (Routledge Online Database)

Jacqueline Stodnick, English

Advisory Board, *Early English Studies* (UT Arlington)

Amy L. Tigner, English

Editor-in-Chief, *Early English Studies* (UT Arlington)

Shelley Wigley, Communication

Editorial Board, *International Journal of Strategic Communication* (Taylor and Francis)

**COLLEGE OF NURSING****AWARDS****Mindi Anderson****Judy L. LeFlore****Kris Nelson****Patricia E. Thomas**

First Place in Emerging and Innovative Technologies

The researchers received the award for their game proposal, “Can Game Play Teach Student Nurses How To Save Lives: An Undergraduate Training Proposal for Student Nurses in Pediatric Respiratory Diseases with a Living World Gaming Construct” at the 11th Annual International Meeting on Simulation in Healthcare.

Joy Don Baker

Outstanding Achievement in Perioperative Academic Nursing Education, Association of Operating Room Nurses

Baker was honored for her use of technology in nursing education.

Judy L. LeFlore

Legacy of Women Award

LeFlore received the award in the area of Education at the 19th Annual SafeHaven Awards Luncheon.

Bayada Award for Technological Innovation in Nursing Education and Practice, Drexel University Nursing Education Institute

Outstanding Researcher Award, National Organization of Nurse Practitioner Faculties

Mary E. Mancini, Associate Dean

Fellow, *National League for Nursing's Academy of Nursing Education*

Diane Snow

Fellow, *American Academy of Nurse Practitioners*

JOURNAL/BOOK SERIES EDITORIAL CONTRIBUTIONS

Mindi Anderson

Editorial Board, *Clinical Simulation in Nursing* (Elsevier)

Susan K. Grove

Editorial Board, *Heart and Lung* (Elsevier)

Judy L. LeFlore

Neonatal Editorial Board, *Journal of Neonatal and Perinatal Nursing* (Wolters Kluwer/Lippincott, Williams, and Wilkins)

Editorial Board, *Simulation in Healthcare* (Wolters Kluwer/Lippincott, Williams, and Wilkins)

Mary E. Mancini

Advisory Board, *NurseWeek* (Gannett Education)

Elizabeth C. Poster

Editor, *Journal of Child and Adolescent Psychiatric Nursing* (Wiley-Blackwell)

Marilee Schmelzer

Editor, *Gastroenterology Nursing* (Society of Gastroenterology Nurses and Associates)

Diane Snow

Associate Editor, *Journal of Addictions Nursing* (Informa Healthcare)

Editor, *Journal of Addictions Nursing* (Informa Healthcare)

Editorial Board, *Perspectives in Psychiatric Care* (Wiley-Blackwell)

PATENTS

Carolyn L. Cason, College of Nursing

Mary E. Mancini, College of Nursing

Zeynep Celik-Butler, John W. Priest, Carolyn L. Cason, Mary E. Mancini, Kenneth George Morallee, and Helge Fossan.

Cardiopulmonary Resuscitation Sensor. U. S. Patent 8,034,006. Oct. 11, 2011.

The present invention provides a CPR sensor that includes a thin and substantially flat flexible substrate having one or more sensor arrays, a power source, an output interface, and a processor or analog circuit, all of which are disposed on the substantially flat flexible substrate.



COLLEGE OF SCIENCE

AWARDS

Purnendu "Sandy" Dasgupta, Chemistry and Biochemistry

2011 Award in Chromatography, American Chemical Society

Lee Ann Frederick, Biology

Outstanding Teaching Award, UT System Board of Regents

Frederick was one of nine UT Arlington recipients of the 2011 Regents' Outstanding Teaching Awards given by the UT System to honor classroom excellence. President James D. Spaniolo nominated the honorees based on recommendations from department chairs, deans, and a committee established by former Provost Donald Bobbitt.

Robert J. Gatchel, Psychology

Outstanding Career Contributions to Health Psychology Award, American Psychological Association

2011 Distinguished Lifetime Achievement Award, Texas Psychological Association

The award—the Texas Psychological Association’s most prestigious honor—is given to a psychologist who has a long and distinguished record of exemplary professional service and is recognized by his colleagues in and outside the field of psychology.

2011 Graduate Dean’s Excellence in Doctoral Mentoring Award, UT Arlington

The award recognizes Gatchel’s commitment to mentoring graduate students and helping train them for professional careers.

Qinhong “Max” Hu, Earth and Environmental Sciences

Wiley Visiting Scientist Fellowship, Pacific Northwest National Laboratory

Ramon Lopez, Physics

Edward A. Bouchet Award, American Physical Society

The national award recognizes a distinguished minority physicist who has made significant contributions to physics research.

Fellow, American Association for the Advancement of Science

Lopez was recognized for his passionate pursuit of research made exemplary through additional contributions to education and public communication, and through achievement in broadening the participation of minorities in science.

Karen Jo Matsler, UTeach Arlington Program

2011 Excellence in Physics Education Award, American Physical Society

Matsler was honored for providing peer-led professional development for 25 years to more than 5,000 physics and physical science teachers nationwide through a network of more than 500 master teachers.

Jianzhong Su, Mathematics

Research Excellence Award, UT Arlington College of Science

Andrew White, Physics

Fellow, American Physical Society

BOOKS AND MEDIA

William Ickes, Psychology

Managing Interpersonal Sensitivity: Knowing When and When Not to Understand Others

Edited by Jessi L. Smith, William Ickes, Judith A. Hall, and Sara Hodges

Hauppauge, NY: Nova Science Publishers, 2011

Findings from the past two decades showed that scores on various interpersonal sensitivity measures were not as stable as scores on other measures of cognitive ability (e.g., IQ scores) seemed to be. The accumulating data further suggested that differences in situationally evoked motivational states were the most probable cause of these variations in interpersonal sensitivity. The book examines this discovery and how it has completely changed the research agenda for those working in this field of study.

E. Thomas Strom, Chemistry and Biochemistry

100-Plus Years of Plastics: Leo Baekeland and Beyond

Edited by E. Thomas Strom and Seth C. Rasmussen

E-book: American Chemical Society, 2011

This book is volume 1080 of the American Chemical Society (ACS) Symposium Series, based on a March 2010 symposium at the ACS national meeting in San Francisco to celebrate the 100th anniversary of the founding of General Bakelite Corporation.

Jianping Zhu, Mathematics

Computational Simulations and Applications

Edited by Jianping Zhu

Rijeka, Croatia: InTech, 2011

The purpose of this book is to introduce researchers and graduate students to a broad range of applications of computational simulations, with a particular emphasis on those involving computational fluid dynamics simulations.

JOURNAL/BOOK SERIES EDITORIAL CONTRIBUTIONS

Daniel W. Armstrong, Chemistry and Biochemistry

Associate Editor, *Analytical Chemistry* (ACS)

Editorial Advisory Board, *Chromatographia* (Vieweg and Teubner)

Editorial Advisory Board, *Electrophoresis* (Wiley-Blackwell)

Editorial Advisory Board, *Separation Science and Technology* (Taylor and Francis)

Editorial Advisory Board, *Chirality* (Wiley Online Library)

Editorial Advisory Board, *Journal of Separation Science* (Wiley-Blackwell)

Editorial Advisory Board, *Scientia Chromatographica* (Associacao Internacional de Cromatografia)

Minerva Cordero-Epperson, Mathematics

Editorial Board, *American Mathematical Monthly* (American Mathematical Society)

Purnendu "Sandy" Dasgupta, Chemistry and Biochemistry

Associate Editor, *Journal of Flow Injection Analysis* (Japanese Association for Flow Injection Analysis)

Editor, *Analytica Chimica Acta* (Elsevier)

Advisory Board, *Analytical Sciences* (Japan Society of Analytical Chemistry)

Advisory Board, *Talanta* (Elsevier)

H. V. Rasika Dias, Chemistry and Biochemistry

Advisory Board, *Dalton Transactions* (Royal Society of Chemistry)

Editorial Advisory Board, *Current Inorganic Chemistry* (Bentham Science Publishers)

Irinel Dragan, Professor Emeritus, Mathematics

Associate Editor, *Journal of Optimization, Theory, and Applications* (Springer Verlag)

Robert J. Gatchel, Psychology

Editor-in Chief, *Journal of Applied Biobehavioral Research* (Wiley-Blackwell)

Associate Editor, *Pain Practice* (Wiley-Blackwell)

Section Editorial Head, *Psychological Injury and Law* (Springer)

Editorial Board, *Journal of Applied Social Psychology* (Wiley-Blackwell)

Editorial Board, *Journal of Occupational Rehabilitation* (Springer)

Editorial Board, *The Clinical Journal of Pain* (Wolters Kluwer/Lippincott, Williams, and Wilkins)

Editorial Board, *Practical Pain Management* (PPM Communications)

Editorial Board, *Community Dentistry and Oral Epidemiology* (Wiley-Blackwell)

Associate Editorial Board, *The Spine Journal* (Elsevier)

Associate Editorial Board, *Spine* (Lippincott Williams and Wilkins)

Honorary Editorial Board, *Journal of Pain Research* (Dove Medical Press)

Laura Gough, Biology

Associate Editor, *Arctic, Antarctic, and Alpine Research* (Institute of Arctic and Alpine Research, University of Colorado)

Editor, *Ecology* and *Ecological Monographs* (Ecological Society of America)

Handling Editor, *Oecologia* (Springer Verlag)

James P. Grover, Biology

Senior Editor, *Ecology Letters* (Wiley-Blackwell)

Chien-Pai Han, Mathematics

Co-Editor, *Journal of Probability and Statistical Science* (Susan Rivers' Cultural Institute)

Associate Editor, *Communications in Statistics* (Taylor and Francis)

Associate Editor, *Journal of Statistical Research* (Institute of Statistical Research and Training, University of Dhaka)

Associate Editor, *Journal of Applied Probability and Statistics* (Dixie W. Publishing Corporation)

John M. Holbrook, Earth and Environmental Sciences

Associate Editor, *Marine and Petroleum Geology* (Elsevier)

Qinhong "Max" Hu, Earth and Environmental Sciences

Associate Editor, *Journal of Contaminant Hydrology* (Elsevier)

Editorial Board, *Journal of Environmental Radioactivity* (Elsevier)

Andrzej Korzeniowski, Mathematics

Coordinating Editor, *JPSS: Journal of Probability and Statistical Science* (Susan Rivers' Cultural Institute)

Editorial Board, *SAA: Stochastic Analysis and Applications* (Taylor and Francis)

Daniel S. Levine, Psychology

Editor and Editorial Board, *Cognitive Systems Research* (Elsevier)

Editor and Editorial Board, *Neural Networks* (Elsevier)

Ren-Cang Li, Mathematics

Associate Editor, *SIAM Journal on Matrix Analysis and Applications* (Society for Industrial and Applied Mathematics)

Associate Editor, *Mathematical Communications* (University of Osijek)

Associate Editor, *Numerical Algebra, Control, and Optimization* (American Institute of Mathematical Sciences)

Editor, *Operators and Matrices* (Ele-Math)

Chaoqun Liu, Mathematics

Special Issue Guest Editor, "Advances in Computational Fluid Dynamics and Its Applications," *Modeling and Simulation in Engineering* (Hindawi Publishing)

Robert F. McMahon, Professor Emeritus, Biology

Editorial Board, *Biofouling: The Journal of Bioadhesion and Biofilm Research* (Francis and Taylor Group)

Roger L. Mellgren, Psychology

Editorial Advisory Board, *International Journal of Comparative Psychology* (International Society of Comparative Scholarship)

Zdzislaw E. Musielak, Physics

Editorial Board, *Advances of Astronomy* (Hindawi Publishing Corp.)

Editorial Board, *Journal of Modern Physics* (Scientific Research Publishing)

Editorial Board, *The Cosmos Portal* (Digital Universe)

Paul B. Paulus, Psychology

Editorial Board, *Journal of Applied Social Psychology* (Wiley-Blackwell)

Editorial Board, *Small Group Research* (Sage)

Martin Pomerantz, Professor Emeritus, Chemistry and Biochemistry

Editorial Board, *International Journal of Organic Chemistry* (Scientific Research Publishing)

Krishnan Rajeshwar, Chemistry and Interim Associate VP, Office of Research

Editor, *Interface* (The Electrochemical Society)

Advisory Board, *Journal of Applied Electrochemistry* (Springer)

Advisory Board, *Journal of Electrochemical Science and Technology* (Korean Electrochemical Society)

Asok K. Ray, Physics

Associate Editor, *Journal of Nanoscience and Nanotechnology* (American Scientific Publishers)

Associate Editor, *Journal of Computational and Theoretical Nanoscience* (American Scientific Publishers)

Editor, *Journal of Nano Energy and Power Research* (American Scientific Publishers)

Editorial Advisory Board, *Recent Patents on Materials Science* (Bentham Science Publishers)

Editorial Board, *Transport Theory and Statistical Physics* (Taylor and Francis)

Zoltan A. Schelly, Chemistry and Biochemistry

Chair of the International Advisory Board, *ELOPTO Conference Series* (Colloidal and Molecular Electro-Optics)

Advisory Board, *Journal of Molecular Liquids* (Elsevier)

Kevin A. Schug, Chemistry and Biochemistry

Editorial Advisory Board, *Analytica Chimica Acta* (Elsevier)

Editorial Advisory Board, *Journal of Separation Science* (Wiley-VCH)

Editorial Advisory Board, *LCGC North America* (Advanstar)

Baohong Yuan, Bioengineering

Guest Editor, *International Journal of Optics* (Hindawi Publishing)

Editorial Board, *Technology in Cancer Research and Treatment* (Adenine Press)

Jianping Zhu, Mathematics

Editorial Board, *Electronic Journal of Differential Equations* (Texas State University-San Marcos)

Editorial Board, *International Journal of Computational Science and Engineering* (Inderscience Publishers)

Editorial Board, *International Journal of Mathematics in Operational Research* (Inderscience Publishers)

PATENTS

Purnendu “Sandy” Dasgupta, Chemistry and Biochemistry

Purnendu Dasgupta, Masaki Takeuchi, and Kannan Srinivasan

Membrane Based Concentrators. U.S. Patent 7,964,411. June 21, 2011.

A sample concentrator for concentrating analytes in a solvent-containing liquid sample stream, including concentrator housing having a sample stream flow channel and a gas stream flow channel having an inlet and an outlet, a heater for gas in the gas stream conduit, and a hydrophilic ion exchange or non-ionic membrane barrier separating said gas stream and sample stream flow channels.

H. V. Rasika Dias, Chemistry and Biochemistry

Lorraine G. Van Waasbergen, Biology

H. V. Dias, Lorraine G. Van Waasbergen, and Jaime A. Flores

Poly-Halogenated Triazapentadiene Compositions. U.S. Patent 7,893,288. Feb. 22, 2011.

A new class of fluorinated or polyhalogenated triazapentadienes. The synthesized triazapentadienes are thermally stable, soluble in typical solvents, and have several metal binding sites for complexation with metal ions. The compounds are prepared as colorless crystalline solids. Synthesis takes advantage of a reaction with triethylamine. Synthesized triazapentadienes (with and without complexed metals) inhibit bacterial growth of both Gram positive and Gram-negative bacteria.

Ronald L. Elsenbaumer, Chemistry and Biochemistry

Krupal Patel, Pranesh B. Aswath, Harold Shaub, and Ronald L. Elsenbaumer

High Performance Lubricant Additives. U.S. Patent 7,879,776. Feb. 01, 2011.

A lubricant additive produced by the process of mixing an organophosphate and an organofluorine compound and reacting the organophosphate and the organofluorine compound. Also, a lubricant produced by the process of forming a reaction mixture by reacting an organophosphate and an organofluorine and adding at least a portion of the reaction mixture to a lubricant base.



SCHOOL OF SOCIAL WORK

AWARDS

Beverly Black

Jullian Smith Professorship in Family Violence Research, UT Arlington

Black is the first recipient of the new, \$250,000 endowed professorship. It was created in honor of Jillian Smith, an Arlington police officer killed in the line of duty last year.

Norman Cobb

President’s Award for Excellence in Teaching, UT Arlington

Don Granvold

Outstanding Teaching Award, UT System Board of Regents

The award is offered in recognition of those who serve their students in an exemplary manner. Awardees also are recognized for showing a promising future of excellence in all aspects of instruction. President James D. Spaniolo nominated the honorees based on recommendations from department chairs, deans, and a committee established by former Provost Donald Bobbitt.

Juan Enrique Huerta

Richard J. Schoech

Education Best Empirical Article of 2010, Journal of Social Work

They received the award for their article “Experiential Learning and Learning Environments: The Case of Active Listening Skills.”

Catheleen Jordan

Cheryl Milkes Professor in Mental Health Research, UT Arlington

Scott Ryan

Jenkins Garrett Professorship, UT Arlington

BOOKS

Richard Hoefler

Advocacy Practice for Social Justice, second edition

Chicago: Lyceum Books, 2011

Social justice is one of the six core values of the social work profession as defined in the NASW Code of Ethics. In the book, Hoefler demonstrates that advocacy is a key tool in achieving social justice at all levels of practice, and he argues that social workers have an obligation not only to actively advocate but to empower others to do so as well. Using evidence-based information, anecdotes, case studies, and his own personal experiences, he presents the ethical imperative for advocacy.

Social Policy Creation and Evaluation

New York: Oxford University Press, 2011

The book has two goals: to describe and explain one of the most important domestic policy decisions in the post-WWII era, the passage of the Personal Responsibility and Work Opportunity Reconciliation Act of 1996, otherwise known as either the Welfare Reform law; and to show how programs such as the Temporary Assistance to Needy Families are evaluated and the methods that can be used to do so. The key element of this book is the linkage of policy-creation modeling with policy evaluation efforts.

Ski Hunter

Lesbian and Gay Couples: Lives, Issues, and Practice

Chicago, IL: Lyceum Books, 2011

Lesbian and Gay Couples deals with working with same-sex couples. It provides students and practitioners with information about alternative relationships, lifestyles, and how to support healthy same-sex relationships. Issues covered include relationship counseling, dating, parenting, recognizing intimate partner violence in same-sex couples, non-monogamy, marriage, and the importance of recognizing heterosexism in society and in oneself.

Catheleen Jordan

Clinical Assessment for Social Workers, third edition

Catheleen Jordan and Cynthia Franklin

Chicago: Lyceum Books, 2011

Jordan and Franklin combine two approaches—qualitative and quantitative—that are often considered at odds. Their unique synthesis creates a new approach that encourages the use of multiple methods in formulating client assessments. *Clinical Assessment* provides a variety of tools for performing assessments derived from different perspectives, giving readers greater flexibility in their own data collection.

Philip R. Poppo

Social Work, Social Welfare, and American Society, eighth edition

Philip R. Poppo and Leslie Leighninger

Boston, MA: Allyn and Bacon, 2011

The text provides students with a political perspective on social welfare with definitions of liberal, conservative, and radical positions in order to help them better appreciate the political context of social welfare programs. Each chapter reflects and integrates the core competencies in the 2008 Educational Policy and Accreditation Standards set by the Council on Social Work Education.

JOURNAL/BOOK SERIES EDITORIAL CONTRIBUTIONS

Richard Hoefler

Editor, *Journal of Policy Practice* (Routledge)

Peter J. Lehmann

Editorial Board, *Journal of Trauma, Aggression, and Maltreatment* (Routledge)

Editorial Board, *Partner Abuse* (Springer)

Vijayan K. Pillai

Associate Editor, *The Social Science Journal* (Elsevier)

Associate Editor, *International Journal of Sustainable Society* (Inderscience)

Editor, *Social Development Issues* (Lyceum Press)

Editorial Board, *African and Asian Studies* (Brill)

Honorary Editorial Board, *Open Access Journal of Contraception* (Dove)

Scott D. Ryan

Editor-in-Chief, *Adoption Quarterly* (Taylor and Francis)

Consulting Editor, *Children and Adolescent Social Work Journal* (Springer)

Editorial Board, *Journal of GLBT Family Studies* (Routledge)

Richard J. Schoech

Editor, *Journal of Technology in Human Services* (Routledge)

Editorial Board, *Journal of Community Practice* (Association for Community Organization and Social Administration)

Editorial Board, *Currents* (University of Calgary Press)

Editorial Board, *JCR: The Journal of CyberTherapy and Rehabilitation* (Virtual Reality Medical Institute)

Stuart Henry, Interdisciplinary Studies

Co-Editor, *Western Criminological Review* (Western Society of Criminology)

Series Editor, *Library of Essays in Theoretical Criminology* (Ashgate)

Editorial Board Member, *Issues in Integrative Studies* (Association for Integrative Studies)

Editorial Board Member, *Theoretical Criminology* (Sage)

Editorial Board Member, *Critical Criminology* (Springer)

James Welch IV, Interdisciplinary Studies

Contributing Editor, *Integrative Pathways* (Association for Integrative Studies)

Sherman M. Wyman, Urban and Public Affairs

Editorial Board, *Journal of International Public Administration* (Routledge)



SCHOOL OF URBAN AND PUBLIC AFFAIRS

JOURNAL/BOOK SERIES EDITORIAL CONTRIBUTIONS

Ardeshir Anjomani, City and Regional Planning

Associate Editor, *International Journal of Society Systems Science* (Inderscience)

Editorial Board, *The Journal of Architectural and Planning Research* (Locke Science Publishers)

Editorial Board, *International Journal of Sustainable Society* (Inderscience)

Editorial Board, *Armanshahr: Journal of Architecture, Urban Design, and Urban Planning* (Behzadfar)

Enid Arvidson, City and Regional Planning

Editorial Board, *Review of Radical Political Economics* (Sage)

Richard L. Cole, Public Affairs

Book Review Editor and Editorial Board, *Publius: The Journal of Federalism* (Oxford)



LIBRARY

BOOKS

Evelyn Barker, Library

Lea Worcester, Special Collections

Images of America: Arlington

Charleston, SC: Arcadia, 2011

Mining the rich visual collections of UT Arlington Library's Special Collections, the authors explore Arlington's development through photographs, maps, and firsthand accounts of life in the city. Highlights of Arlington's development include Depression-era gambling at Top O'Hill and Arlington Downs, progressive values in the Berachah Home for Erring Girls, higher education through the UT Arlington, economic expansion with General Motors, and entertainment lures like the Texas Rangers and Six Flags Over Texas.

EXHIBITS

Evelyn Barker, Library

Lea Worcester, Special Collections

What You Wish the World Could Be: The Early Years of Six Flags Over Texas, UT Arlington

Drawing on the library's holdings of the *Fort Worth Star-Telegram* and the *Arlington Citizen-Journal* photographic collections, *What You Wish the World Could Be* commemorated the 50th anniversary of Six Flags and showed early park attractions like the Sky Hook, Skull Island, and the Spee-Lunkers.

Ben Huseman, Special Collections

Erin O'Malley, Special Collections

Charting the Cartography of Companies: Company Mapping, 1600-1900, UT Arlington

The exhibit focused on maps and how they reflected and shaped the histories of chartered companies.

Erin O'Malley, Special Collections

Impressions of the West: Works of Art from Special Collections, UT Arlington

The exhibition featured more than 30 paintings, sculptures, and prints that showcased how the American West has been viewed by artists and popular culture. Focusing on artists who worked during the 20th century, *Impressions of the West* explored whether Western art is a truthful recording of a bygone era, an idealized version of history, or merely kitsch created for the popular market.

Life and Death in the Northern Pass: The Photography of Dominic Bracco II, UT Arlington

Chris Conway and Erin O'Malley

In the exhibition, Dominic Bracco II, a distinguished photojournalist and 2008 graduate of UT Arlington, documented the horrors of Mexico's drug war through evocative images of violence and its aftermath, of grieving families, and of tender scenes of day-to-day urban life.

Kristin M. Swenson, Library

AURORA 2011, Dallas Arts District

AURORA 2011 was an all-multimedia exhibit featuring displays by light/sound/video artists. Swenson's multimedia installation, *Compendia*, combines assemblage art, light, and several audio/video compilations presented on a TV, video frame, and projection unit running different a/v compilations that synched in unison.



ACKNOWLEDGEMENTS

We acknowledge with thanks the Office of the Provost, the Library, University Publications, and the Friends of the Library for making this event possible.

We also recognize the following individuals for their contributions: Melissa George (book design and layout) and Jessica Bridges (book editing) from University Publications; and Tommie Wingfield (coordinator), Erin O'Malley (exhibit), Mark Cook (purchases), Mary Castle (reception), and Natalia Toth (patents) from the Library.



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